

AMENDMENTS TO THE CLAIMS

Claim 1 (previously amended) A method of forming a uniform illumination pattern in a back-light plate, the back-light plate comprising two parallel illuminating faces and an incident side on one side of the back-light plate, and when a visible light incidents from the incident side into the back-light plate, the back-light plate reflect the visible light through the two illuminating faces, the method utilizing a press with a plurality of protruding elements to press an illuminating face of the back-light plate so as to form a plurality of recesses with predetermined depths thereon;

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wherein the plurality of recesses forms the uniform illumination pattern on the back-light plate to make the back-light plate uniformly illuminated when the visible light incidents into the back-light plate;

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wherein the press comprises a roller, the plurality of protruding elements being formed on a rolling surface of the roller, the circumference of the roller being equal to or greater than the length of the back-light plate.

Claim 2 (original) The method of claim 1 wherein the back-light plate is utilized inside a flat-bed scanner for generating a back-light source to scan a transparent document, or is utilized in an LCD monitor for generating a back-light source to illuminate an LCD panel.

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Claim 3 (original) The method of claim 1 wherein the recess size and the spacing with its adjacent recess depend on the distance between the recess and the incident side of the back-light plate, and when the

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distance between the recess and the incident side
is longer, the recess size is designed larger and
the spacing with its adjacent recess is designed
shorter.

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Claim 4 (cancelled).

Claim 5 (original) The method of claim 1 wherein the press
is heated to make the plurality of protruding elements
10 easily pressed into the illuminating face of the back-light
plate before being pressed on the back-light plate.

Claims 6-7 (cancelled).

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